OPERATING INSTRUCTIONS AND PARTS LIST FOR

JOINTER

MODEL NUMBER 103.0501

This is the model number of your jointer. It will be found on a plate on the right side of the base. Always mention this model number when communicating with us regarding your jointer or when ordering parts.

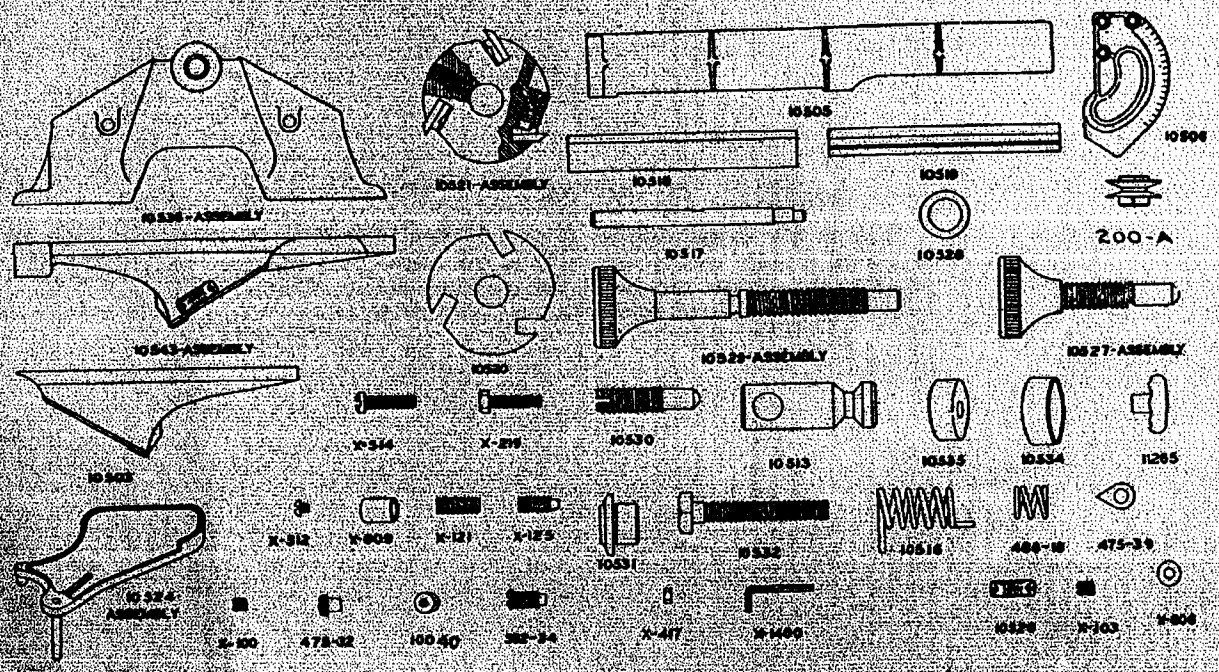
This list is valuable. It will assure your being able to obtain proper parts service at all times. We suggest you keep it with other valuable papers.

SEARS, ROEBUCK and CO.

HOW TO ORDER PARTS FOR SEARS JOINTER
MODEL NUMBER 103.0501

All parts listed here may be ordered through any Sears retail or mail order store. Parts are shipped prepaid. When ordering repair parts, always give the following information.

1. The Part Number in this list.
2. The Part Name and Price in this list.
3. The Model Number, which is 103.0501 and will be found on a plate on the right side of the base.



All parts are shipped prepaid.
All prices are subject to change without notice.

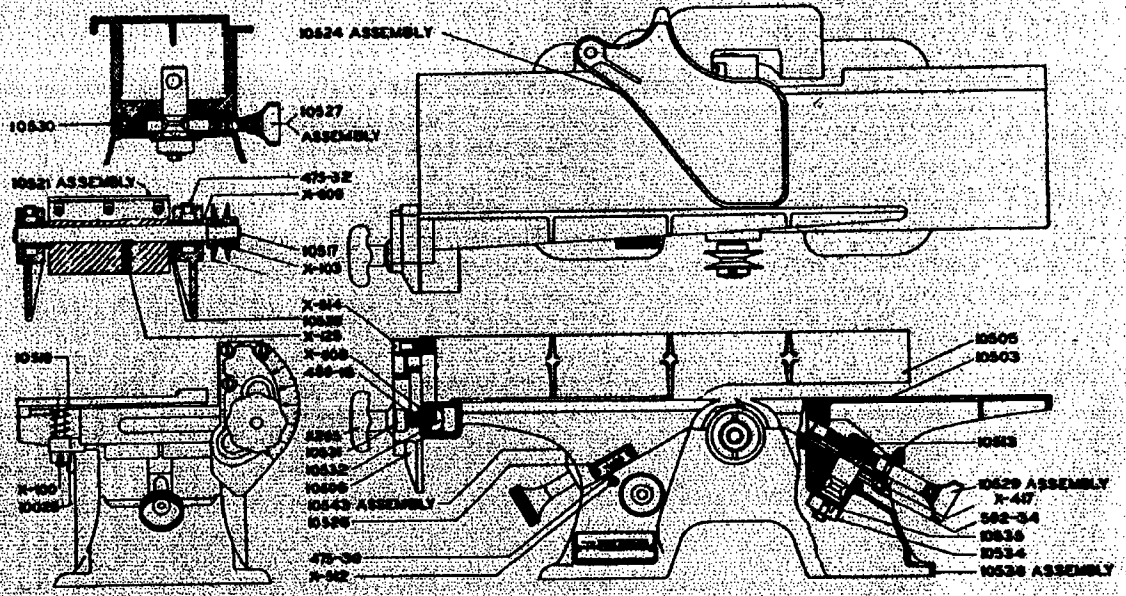
PARTS LIST

Part Number	Name of Part	Selling Price (each)
10503	Rear Table	$3.75
10505	Fence	1.90
10506	Fence Protractor	.60
10513	Table Adjusting Nut	.30
10516	Guard Pivot Spring	.25
10517	Cutter Head Shaft	.45
10518	Cutter Head Blade 4¼" long. Purchase from Dlr. 9 in nearest retail store.	.60
10519	Cutter Head Blade Lock	.25
10520	Cutter Head	$3.60
10521	Cutter Head Assembly Includes 10518 (3) 10519 (3) 10520 (1) X-121 (9) X-125 (1)	$6.00
10524	Guard Assembly	.65
10526	Depth of Cut Scale	.25
10527	Table Lock Screw Assembly	.30

Part Number	Name of Part	Selling Price (each)
10528	Cutter Head Spacer	$ .25
10529	Table Adj. Screw Assembly	.45
10530	Table Lock Stud	.25
10531	Protractor Roller	.35
10532	Fence Assembly Clamp Bolt	.25
10534	Table Tensioner Retainer	.15
10535	Table Tensioner	.15
10536	Base Assembly	6.00
10543	Front Table—Assembly	4.25
11265	Fence Clamp Bolt Knob	.25
475-32	Oil Plug	.15
475-39	Depth of Cut Pointer	.15
486-18	Clamp Bolt Spring	.15
592-34	Table Adj. Screw Retainer Screw	.15
10040	Guard Pivot Stop Collar	.25

Part Number	Name of Part	Selling Price
200A	V-Pulley—Single Groove—2" Dia.—⅛" Bore. Purchase from Div. 9 in nearest retail store.	.25
X-509	Cutter Head Bearing	
	THE FOLLOWING PARTS ARE STANDARD AND CAN BE PURCHASED LOCALLY	
X-100	Guard Pivot Stop Collar Screw ¼-20 x ¼	.10
X-103	Pulley Set Screw ¼-20 x ⅝	.10
X-121	Cutter Head Screw ½-24 x ⅝	.10
X-125	Cutter Head Lock Screw ½-24 x ⅝	.10
X-219	Table Tensioner Screw ¼-28 x 1	.10
X-417	Table Adjusting Screw Retaining Screw Nut 5/16-18	.10
X-512	Depth of Cut Pointer Screw #8-32 x ⅛	.10
X-514	Protractor Screw ¼-20 x 1	.10
X-606	Clamp Bolt Spring Washer ⅜ St'd.	.10
X-1400	Cutter Head Wrench 5/32 Allen	.15

The following picture shows a side view, top view, and front view of the Sears Jointer—Model Number 103.0501 with parts in place.



We suggest you write your order for repair parts like this sample:

Sears, Roebuck and Co.
Enclosed find my check for $3.85 for which please send me by parcel post the following parts for my Jointer, Model Number 103.0501:

1 ea. No. 10516 Guard Pivot Spring	$ .25
1 ea. No. 10520 Cutter Head	3.60
	$3.85

Yours truly,
John Marten
Box 128
Richmond, Ind.

OPERATING INSTRUCTION FOR 4 INCH JOINTER

LUBRICATION

Do not run this tool until oil reservoirs on all bearings have been filled with some good grade of machine oil similar to S.A.E. No. 20. To fill oil reservoirs easily and completely, use an oil can with a small spout, or a pressure oil can, in order to displace air in reservoirs.

Always keep reservoirs filled with oil.

This tool is equipped with the new type bronze bearings which meter filtered oil to the moving parts. These bearings have invisible pores that become saturated with oil. The heat generated by the turning of the shaft causes the lubricant in the reservoir to automatically flow through these bronze bearings, thus lubricating the moving shaft. When the shaft is at rest, the oil is absorbed by the bearing.

Do not drill holes through bearings to feed oil to shafts as it is not necessary.

OPERATION

Recommended operating speed is 3600 R.P.M.

This machine is fitted with 4¼" Steel Knives which are mounted in an oversize well-balanced 2⅜" round x 4¼" long steel cutter head.

Both front and rear table are adjustable with hand knobs and equipped with locking device which is operated from side of machine. Be sure and release locking hand knob on right-hand side of base when making adjustment for depth of cut, then relock in position.

Rear table has ledge for rabetting to depth of ½". Front table has adjustable depth scale indicating depth of cut. To reset, move pointer to correct any error in depth of cut. Front table is fitted with improved light weight safety guard which can be placed out of position for rabbeting. To do so, swing clear of machine, push down on pivot end, let edge of guard slip under top edge of side of front table. To put back in position, to guard cutter head, reverse operation.

The two-way 45° tilting fence pivots on its knife-edge on front table top. Fence is equipped with a locking device permitting fence to be tilted or moved and locked.

To tilt or move fence, loosen hand knob, place fence in position desired and lock with knob.

If necessary at any time to reset fence, square with table, place zero mark on protractor quadrant exactly in line with top edge of table and loosen the three screws in end of fence and shift fence so it is square with table top using an accurate tri-square for the purpose. When in correct position tighten screws securely.

Caution: Always keep safety guard over cutter head. Always keep machine well lubricated.

IMPORTANT: Rear table on this machine has been set and locked in correct relation to knife-edge of blades at factory. Do not disturb this adjustment except when sharpening blades. When resharpening blades, be sure they are adjusted properly. To set blades in head after blades are sharpened, place in slots, leave a little high and tighten screws slightly, just enough to hold in place. With a scale or straightedge held on top face of rear table, put each end of blade in alignment with top face of rear table. A piece of hard wood can be used to tap blades down in position. Rotate cutter head a..l blade back and forth under straightedge until blades are in position after which tighten screws securely. Front table has been raised for shipping reasons and must be lowered to depth of cut desired.